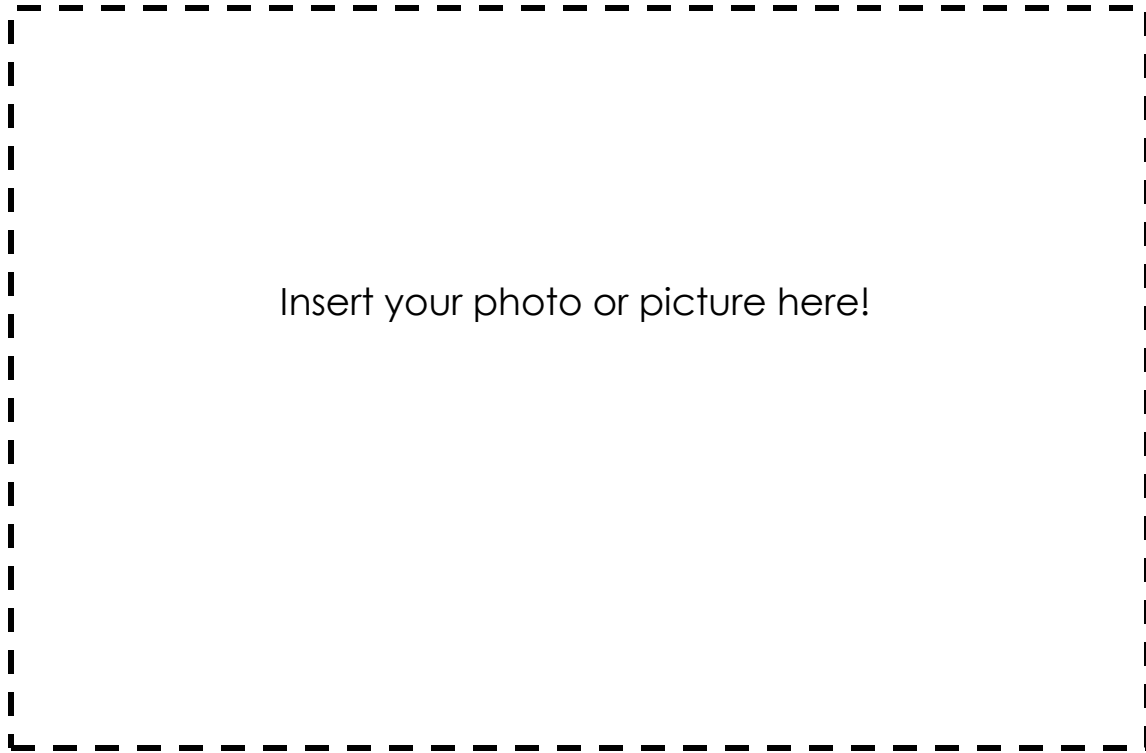


Switched on Computing Year 4

My progress

Name:

Class:



Unit 4.1 – We are software developers

I can design an interactive educational game.



I can develop an interactive educational game.



I can put Scratch blocks in the right order.



I can use the *if/then/else* block correctly.



I can use the *random number* block and use variables to work out the score.



I can include sound in my game.



I can correct mistakes in my game.



I can plan my own way to program my game.



I can use a countdown timer.



I can use the mouse to control my game.



I can explain how the algorithm of my game works.



Reflection

I am good at ...

Next time I will ...

Unit 4.2 – We are toy designers

I can design a toy with computer-controlled input and output. 😞 😐 😊

I can write a program to show how my toy would produce output. 😞 😐 😊

I can use Scratch to test how input and output would work in my toy. 😞 😐 😊

I can use Scratch to work out why my toy may not work as expected. 😞 😐 😊

I can use Scratch to create a version of my toy with computer-controlled input and output. 😞 😐 😊

I can use Scratch to create a version of my toy using both mouse and keyboard input. 😞 😐 😊

I can find and correct 'bugs' in my program. 😞 😐 😊

I can explain how I find and correct 'bugs' in my program. 😞 😐 😊

I can work out ways around problems by breaking them into smaller steps. 😞 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 4.3 – We are musicians

I can explain how technology can be used to create music. ☹️ 😐 😊

I can use sequencing software to create a piece of music. ☹️ 😐 😊

I can record my own sound samples. ☹️ 😐 😊

I can mix sound samples to create a piece of music. ☹️ 😐 😊

I can export the file of my piece of music in a standard, compressed format. ☹️ 😐 😊

I can explain how people listen to and buy music through technology. ☹️ 😐 😊

I can edit sound samples. ☹️ 😐 😊

I can work on and make my piece of music better. ☹️ 😐 😊

I can edit my final piece of music. ☹️ 😐 😊

I can use software that uses staff notation. ☹️ 😐 😊

I can compare creating a piece of music to creating a program. ☹️ 😐 😊

I can respect other people's copyright. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 4.4 – We are HTML editors

I can see how the internet and the web are different. ☹️ 😐 😊

I can see that web pages are written in HTML. ☹️ 😐 😊

I can use some HTML tags. ☹️ 😐 😊

I can edit the HTML for a web page. ☹️ 😐 😊

I can create web pages that keep another person's details private. ☹️ 😐 😊

I can explain the parts of a URL. ☹️ 😐 😊

I can see how important links are for the web. ☹️ 😐 😊

I can use the `...` tag correctly. ☹️ 😐 😊

I can create a web page by writing HTML. ☹️ 😐 😊

I can be safe and responsible when I create a web page. ☹️ 😐 😊

I can show I understand how HTTP works. ☹️ 😐 😊

I can show I know about the history of the web. ☹️ 😐 😊

I can use the `` and `<iframe>...</iframe>` tags. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 4.5 – We are co-authors

I can find and read an article on Wikipedia. ☹️ 😐 😊

I can create content for a wiki. ☹️ 😐 😊

I can edit the content on my wiki. ☹️ 😐 😊

I can edit the HTML for a web page. ☹️ 😐 😊

I can show where I found information I used in my research. ☹️ 😐 😊

I can work with others to plan a project. ☹️ 😐 😊

I can work out if an article is accurate and reliable. ☹️ 😐 😊

I can edit another person's content. ☹️ 😐 😊

I can edit content on Wikipedia. ☹️ 😐 😊

I can plan a project by breaking it into smaller parts. ☹️ 😐 😊

I can see how important it is that content is fair and balanced. ☹️ 😐 😊

I can see how important Wikipedia's Five pillars are. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 4.6 – We are meteorologists

I can use weather measurement equipment safely. ☹️ 😐 😊

I can enter weather data in a spreadsheet. ☹️ 😐 😊

I can take digital photos. ☹️ 😐 😊

I can create simple charts. ☹️ 😐 😊

I can make predictions about the weather. ☹️ 😐 😊

I can create a presentation for my weather forecast. ☹️ 😐 😊

I can use weather measurement equipment accurately. ☹️ 😐 😊

I can describe the weather. ☹️ 😐 😊

I can make sensible predictions about the weather. ☹️ 😐 😊

I can add measurements and descriptions to photos. ☹️ 😐 😊

I can present an interesting and useful weather forecast to my classmates. ☹️ 😐 😊

I can spot weather data that looks unusual. ☹️ 😐 😊

I can make accurate predictions. ☹️ 😐 😊

I can see what some of the problems are in predicting the weather. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...